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FACSIMILE TRANSMITTAL LETTER

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TO: Examiner Faye Assaf of the USPTO

FROM: Thomas J Perkowski, Esq. PC/Annemarie Nadler

RE: USSN# 09/965,123

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The date stamp of the U.S. Patent and Trademark Office is official acknowledgment of their receipt of the following documents:

Third Amendment; Permission to charge deposit account; and Certificate of First Class Mailing Under 37 C.F.R. 1.08 dated February 5, 2004.

Serial No.: 09/965,123

Filed: September 27, 2001

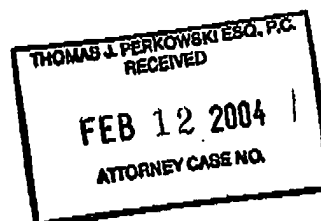
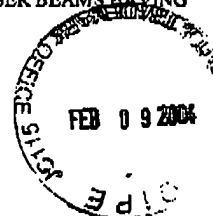
Applicant: LeRoy Dickson et al.

Title: DOE-BASED SYSTEMS AND DEVICES FOR PRODUCING LASER BEAMS HAVING MODIFIED BEAM CHARACTERISTICS

Attorney Docket No.: 108-010USANA0

Attorney: Thomas J. Perkowski, Esq.

Date Mailed: February 5, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Applicants : LeRoy Dickson et al.
Application Serial No.: 09/965,123
Filing Date : September 27, 2001
Title: DOE-BASED SYSTEMS AND DEVICES FOR PRODUCING
LASER BEAMS HAVING MODIFIED BEAM
CHARACTERISTICS
Examiner : Fayez Assaf
Group Art Unit : 2872
Attorney Docket No. : 108-010USANA0

Honorable Commissioner of Patents
and Trademarks
Washington, DC 20231

THIRD AMENDMENT

Sir:

Prior to examination of the present Application, please amend the same as following:

AMENDMENT OF THE CLAIMS

Please enter new claims 114-122 as follows:

Claims 1-71 (canceled)

Claim 72 (previously presented): A laser beam producing system comprises:

- a visible laser diode (VLD), for producing a laser beam from its junction;
- a collimating lens (L1) for collimating the laser beam as it is transmitted through collimating lens L1 and through the system in an S-incident manner;
- a fixed spatial-frequency diffractive optical element (DOE) denotable by D1;
- a fixed spatial-frequency diffractive optical element (DOE) denotable by D2; and
- a focusing lens (L2) disposed between DOE D1 and DOE D2 and adjustably translatable along its optical axis for focusing the output laser beam to some point in space.

Claim 73 (previously presented): The laser beam producing system of claim 72, wherein said